



JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Christopher J. Brockett

Appln. No. : 10/706,102

Group Art Unit: 2176

Filed : November 12, 2003

For : SYSTEM FOR IDENTIFYING
PARAPHRASES USING MACHINE
TRANSLATION TECHNIQUES

Examiner: ---

Docket No.: M61.12-0549

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-1450, THIS

25th DAY OF May, 2006.

Joseph R. Kelly
PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

TIME OF FILING

An information disclosure statement is being filed by the applicant within any one of the following time periods:

1. 1. Within three months of the filing date of a national application other than a Continued Prosecution Application (CPA);
2. Within three months of the date of entry of the National Stage international application;
3. Before the mailing date of a first Office Action on the merits, or
4. Before the mailing of a first Office Action after the filing of a Request for Continue Examination (RCE).

2. after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A. a statement as specified in 37 C.F.R. § 1.97(e).
- B. the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

3. after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:

- A. a statement as specified in 37 C.F.R. § 1.97(e);
- B. the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to

any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e) (2).

METHOD OF PAYMENT

X No fee is required.

 Attached is a check in the amount of \$_____.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By:


Joseph R. Kelly, Reg. No. 34,847
900 Second Avenue South, Suite 1400
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

JRK:slg

FORM PTO-1449		Atty. Docket No.: M61.12-0549	Appl. No.: 10/706,102
<p style="text-align: center;">LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p> <div style="text-align: right; margin-top: -20px;">  </div>		First Named Inventor:	
		Christopher J. Brockett	
		Filing Date	Group Art:
		November 12, 2003	2176
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
AA	EP Search Report for Application No. 04.024 785.0 dated 18.04.06		
AB	D. Yarowsky, "Word-Sense Disambiguation Using Statistical Models of Roget's Categories Trained on Large Corpora", In Proceedings, Coling-1992 pp. 1-11.		
AC	W. Gale et al., "A Program for Aligning Sentences in Bilingual Corpora", Computational Linguistics, 1994 pp. 1-30.		
AD	P. Brown et al., "The Mathematics of Statistical Machine Translation: Parameter Estimation", Association for Computation Linguistics, Vol. 19, No. 2, 1993, pp. 263-311.		
AE	C. Quirk et al., "Monolingual Machine Translation for Paraphrase Generation", Natural Language Processing Group, Processing of the 2004 Conf. On Empirical Methods..., 2004, pp.1-8.		
AF	R. Barzilay et al., "Extracting Paraphrases from a Parallel Corpus", Computer Science Dept., Annual Mtg. Assoc. for Computational Linguistics, 2001, pp. 1-8.		
AG	R. Barzilay et al., "Learning to Paraphrase: An Unsupervised Approach Using Multiple-Sequence Alignment" Proceedings of HLT-HACL 2003, May-June 2003, pp. 16-23.		
AH	Stalls et al., "Translating Names and Technical Terms in Arabic Text:", In Proceedings of the ACL Workshop on Computational Approaches in Semitic Languages, 1998, pp. 1-8.		
AI	Brill et al., "Automatically Harvesting Katakana-English Term Pairs from Search Engine Query Logs", In Proceedings of the Sixth Language Processing Pacific Rim Symposium, NLPRS, 2001 pp. 393-399.		
AJ	B. Dolan, "Unsupervised Construction of Large Paraphrase Corpora: Exploiting Massively Parallel News Sources", Proceedings of the 20 th Int'l Conf, 2004 pp. 1-7.		
AK	D. Lin et al., "DIRT- Discovery of Inference Rules from Text", www.cs.ualberta.ca/~lindek/minipar.htm, 2001, pp. 1-6.		
AL	Y. Shinyama, "Automatic Paraphrase Acquisition from News Articles", Proceedings of Human Language Technology Conf. 2002, pp. 1-6.		
AN	B. Pang et al., "Syntax-based Alignment of Multiple Translations: Extracting Paraphrases and Generating New Sentences", HLT-NAACL Main Proceedings, 2003 pp. 181-188.		
AO	A. Ibrahim, "Extracting Paraphrases from Aligned Corpora", Submitted to the Dept. of Electrical Engineering and Computer Science, Aug. 2002, pp. 2-60.		

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.